

Datasheet: 2083-4955

**BATCH NUMBER 171721**

<b>Description:</b>	MOUSE ANTI CHONDROITIN SULPHATE
<b>Specificity:</b>	CHONDROITIN SULPHATE
<b>Format:</b>	Ascites
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	CS-56
<b>Isotype:</b>	IgM
<b>Quantity:</b>	0.1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/100 - 1/400
Immunofluorescence	▪			1/100 - 1/400

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

### Target Species

Chicken

### Species Cross Reactivity

Reacts with: Bovine, Human, Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Ascitic Fluid - raw

### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

### Immunogen

Ventral membranes of chicken gizzard fibroblasts.

### RRID

AB\_620552

<b>Specificity</b>	<p><b>Mouse anti Chondroitin sulphate antibody, clone CS-56</b> recognizes chondroitin sulphate types A and C (not B, dermatan sulphate).</p> <p>Mouse anti Chondroitin sulphate antibody, clone CS-56 gives positive staining in bovine mammary gland epithelial cells, and also in human, chicken, and mouse fibroblast or tissues.</p>
<b>References</b>	<ol style="list-style-type: none"><li>1. Avnur, Z. <i>et al</i> (1985) Spatial interrelationships between proteoglycans and extracellular matrix proteins in cell cultures. <a href="#">Exp Cell Res. 158:321-32.</a></li><li>2. Avnur, Z.<i>et al</i> (1984) Immunocytochemical Localization of Native Chondroitin-Sulphate in Tissues and Cultured Cells Using Specific Monoclonal Antibody. <a href="#">Cell 38: 811-822.</a></li></ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10342 available at: <a href="https://www.bio-rad-antibodies.com/SDS/2083-4955">https://www.bio-rad-antibodies.com/SDS/2083-4955</a>
<b>Regulatory</b>	For research purposes only

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M438081:250321'

**Printed on 13 Aug 2025**